AMENDMENTS TO THE CLAIMS

The following is a complete, marked-up listing of revised claims with a status identifier in parenthesis, underlined text indicating insertions, and strike through and/or double-bracketed text indicating deletions.

LISTING OF CLAIMS

1. (Original) A recording medium, comprising:

a data area including at least two data sections; and

a linking area to link neighboring data sections, the linking area including at least two frame sync signals, where values of the at least two frame sync signals maintain uniqueness.

2. (Original) The recording medium of claim 1, wherein the linking area includes at least two linking frames, a first linking frame and a second linking frame, wherein at least one frame sync signal is included in each linking frame.

3. (Original) The recording medium of claim 2, wherein each linking frame includes at least one frame sync signal at a front of the linking frame.

4. (Currently Amended) The recording medium of claim 1, wherein each frame sync ~~synch~~ signal includes a frame ~~synch~~ sync number and a frame sync ~~synch~~ ID.

5. (Original) The recording medium of claim 1, wherein the data area includes at least one sync signal.

6. (Original) The recording medium of claim 5, wherein the at least two frame sync signals in the linking frames are different from the at least one sync signal in the data area.

7. (Currently Amended) The recording medium of claim 1, wherein said at least two ~~one~~

frame sync signals are ~~is~~ different from ~~a~~ sync signals ~~signal~~ written on a rewritable or recordable recording medium during data recording.

8. (Cancelled)

9. (Currently Amended) The recording medium of claim 4, wherein each frame sync ID is one of '100 101', '101 010', '010 101'~~or~~ and '101 001'.

10. (Original) The recording medium of claim 9, wherein a frame sync signal written in a first linking frame is '100 101' and a frame sync signal written in a second linking frame is '101 010'.

11. – 12. (Cancelled)

13. (Original) The recording medium of claim 10, wherein a value of '08h' follows the frame sync signal of each linking frame.

14. (Original) The recording medium of claim 13, wherein a value of '00h' follows the value of '08h' for a remainder of the linking frame.

15. (Original) The recording medium of claim 1, wherein a signal distance between the at least two frame sync signals maintains uniqueness.

16. (Original) The recording medium of claim 15, wherein the signal distance between the at least two frame sync signals is at least two.

17. (Original) The recording medium of claim 1, wherein the at least two frame sync signals maintain uniqueness over n frames, where n≥2.

18. (Cancelled)

19. (Currently Amended) A method of forming a recording medium, comprising:

forming a linking area to link neighboring data sections of a data area while recording data onto the recording medium, the linking area including at least two linking frames;

selecting values of at least two frame sync signals, to maintain uniqueness; and

writing the at least two frame sync signals in the linking area to link the neighboring data sections.

20. (Original) A method of reproducing data from a recording medium, comprising:

utilizing a linking area, including at least two frame sync signals, which maintain uniqueness and link neighboring data sections of a data area, to reproduce the data.

21. (Currently Amended) The method of claim 20, further comprises,

determining whether or not a current position is a linking area based on the at least one of the at least two frame sync signalssignal.

22. (Currently Amended) The method of claim 20, further comprises,

determining whether a current position is a front or rear of the a data section based on the at least one of the at least two frame sync signalssignal.

23. (Currently Amended) The method of claim 20, wherein the a data section has a plurality of at least seven different frame sync signals, and at least two frame sync signals of the linking area are different from the plurality of frame the seven different sync signals of the data section.

24. (Original) The method of claim 23, wherein one of the at least two frame sync signals is a frame sync signal of bit pattern "100 101", and another is a frame sync signal of bit pattern "101 010".

25. (Currently Amended) A method of recording data on a recording medium,

comprising:

utilizing a linking area, including at least two frame sync signals, wherein the at least two frame sync signals maintain uniqueness and are different from a sync signal included in a̲ the data area, to record the data.

26. (Currently Amended) The method of claim 25, wherein a data section of the̲ data area has at least seven different frame sync signals, and the at least two frame sync signals of the linking area are different from the seven different sync signals of the data section.

27. (Original) The method of claim 26, wherein one of the at least two frame sync signals is a frame sync signal of bit pattern "100 101", and another is a frame sync signal of bit pattern "101 010".

28. (Currently Amended) The method of claim 27, wherein the̲ a̲ first of the at least two frame sync signals̲ and a̲ second frame sync of the at least two frame sync̲ signals are recorded in order between two data sections.

29. (Currently Amended) An apparatus for reproducing data from̲ a recording medium, comprising:̲

an optical pickup reading data of a linking area, which links said apparatus utilizing a linking area, including at least two frame sync signals, which maintain uniqueness and link neighboring data sections of a data area̲ and includes at least two frame sync signals, wherein values of the at least two frame sync signals maintain uniqueness; and̲

a controlling unit determining whether a currently read position is within the linking area based on at least one frame sync signal read by the optical pickup, and controlling a reproduction according to a result of the determination, to reproduce the data.

30. – 32. (Cancelled)

33. (New) The recording medium of claim 1, wherein the at least two frame sync

signals to be used in the linking area are different from a plurality of sync signals of the data area.

34. (New) The method of claim 19, wherein the writing step writes at least one frame sync signal in each linking frame of the linking area.

35. (New) The method of claim 34, wherein the at least one frame sync signal is written at a front of each linking frame of the linking area.

36. (New) The method of claim 19, wherein each of the at least two frame sync signals includes a frame sync number and a frame sync ID.

37. (New) The method of claim 19, wherein the at least two frame sync signals are different from those written on a writable recording medium.

38. (New) The method of claim 19, wherein the selected values of each of the at least two frame sync signals are different from values of frame sync signals of the data area.

39. (New) The method of claim 19, wherein the selected values of the at least two frame sync signals are different from each other.

40. (New) An apparatus of claim 29, wherein the controlling unit controls the reproduction such that data within the neighboring data sections of the data area is reproduced continuously if it is determined that a currently read position is not the linking area, and data within the linking area is not reproduced if it is determined that the currently read position is the linking area.